

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (currently amended) A digital photographing apparatus, portably structured, for recording a photographed digital picture signal to a recording medium and reproducing a digital picture signal from the recording medium, comprising:

photographing means for photographing a picture and outputting a picture signal;

signal processing means for processing the picture signal supplied from said photographing means to produce a digital picture signal;

position information obtaining means for obtaining position information, the position information including global position information;

displaying means for displaying the digital picture signal supplied from said signal processing means;

recording means for writing to the recording medium said data comprising data relating to both recording the digital picture signal supplied from said signal processing means and the position information supplied from said position information obtaining means to the recording medium, said digital picture signal being recorded as a picture file and said position information being recorded as a position information file, said recording means associating data relating to the digital picture signal and data relating to the position information;

reproducing means for reproducing the digital picture signal and the position information from the recording medium;

map information obtaining means for obtaining map information comprising range information defining a set of boundary points of a map, thereby enabling a user of the digital photographing apparatus to choose a part of the map using the range information;

table creating means for creating a table ~~for that associates~~ the reproduced position information file with said map information and said picture file; and

controlling means for referencing the table ~~for the position information, and displaying to display on said display means~~ an icon corresponding to the position information and on a part of the map information to in said displaying means chosen by the user;

~~wherein the recording means records the digital picture signal as a picture file to the recording medium and the obtained position information as a position information file such that the obtained position information is associated with the recorded picture file; and~~

wherein the table creating means creates the table using at least one position information file, the table indicating correspondence relation between the obtained position information and the picture file; and

whereby a picture from the picture file, at a location corresponding to said icon, is displayed.

2. (canceled)

3. (canceled)

4. (previously presented) The digital photographing apparatus as set forth in claim 1,

wherein the position information is position information of a position at which the picture is captured.

5. (previously presented) The digital photographing apparatus as set forth in claim 4, further comprising:

position measuring means for obtaining the position information of the position at which the picture is captured.

6. (previously presented) The digital photographing apparatus as set forth in claim 1,

wherein the map information is obtained from the same recording medium as that of which the a digital picture signal and position information are reproduced from.

7. (previously presented) The digital photographing apparatus as set forth in claim 1,

wherein the map information contains range information that represents a range of the map to be displayed along with map data.

8. (previously presented) The digital photographing apparatus as set forth in claim 7,

wherein an icon corresponding to the position information within the range of the map is displayed by referencing the range information.

9. (previously presented) The digital photographing apparatus as set forth in claim 1,

wherein if the icon is selected, a picture corresponding to the position information of the selected icon is displayed on said displaying means.

10. (previously presented) The digital photographing apparatus as set forth in claim 9, wherein a selection range for selecting an icon is set at a part of the map displayed, and the selection of the icon is performed if the icon is positioned in the selection range.
11. (previously presented) The digital photographing apparatus as set forth in claim 10, wherein the apparatus is configured to enlarge or reduce the displayed map in response to a user's operation, and change the position of the icon in response to the enlargement or reduction of the displayed map.
12. (previously presented) The digital photographing apparatus as set forth in claim 10, wherein the apparatus is configured to scroll the displayed map in response to a user's operation, and change the position of the icon in response to the scroll of the displayed map.
13. (currently amended) A digital photographing apparatus, portably structured, for recording a photographed digital picture signal to a recording medium and reproducing a digital picture signal from the recording medium, comprising:
 - photographing means for photographing a picture and outputting a picture signal;
 - signal processing means for processing the picture signal supplied from said photographing means to produce a digital picture signal means;

position information obtaining means for obtaining position information, the
position information including global position information;

displaying means for displaying the digital picture signal supplied from said
signal processing means;

recording means for writing to the recording medium said data comprising data
relating to both recording the digital picture signal supplied from said signal processing means
and the position information supplied from said position information obtaining means, said
digital picture signal being recorded as a picture file and said position information being
recorded as a position information file, said recording means further comprising linking means
for linking data relating to the digital picture signal and data relating to the position
information to the recording medium;

reproducing means for reproducing the digital picture signal and the position
information from the recording medium;

map information obtaining means for obtaining map information comprising
range information defining a set of boundary points of a map, thereby enabling a user of the
digital photographing apparatus to choose a part of the map using the range information;
~~map information obtaining means for obtaining map information;~~

table creating means for creating a table for that associates the reproduced position
information file with said map information and said picture file; and

controlling means for referencing the table for the position information, and
displaying to display on said display means an icon corresponding to the position information
and on a part of the map information to in said displaying means chosen by the user;

wherein the controlling means is operative to display on the display means, together with the map, an icon corresponding to respective items of the position information;

~~the apparatus further comprising:~~

map scroll means for scrolling the displayed map in response to a user's operation; and

icon selection means for selecting from icons displayed with the map, the selection of an icon being performed if the icon is positioned within a selection range, the selection range being set with respect to a screen area of the displaying means;

whereby a picture from the picture file, at a location corresponding to said icon, is displayed.

14. (currently amended) A camera for recording a digital picture signal to a recording medium and reproducing a digital picture signal from the recording medium[[;]], comprising:

an imaging device for capturing a picture and outputting a picture signal;

signal processor for processing the picture signal supplied from the imaging device to produce a digital picture signal;

a position information detector for obtaining position information, the position information including global position information;

a display for displaying the digital picture signal supplied from the signal processor;

a recording section for writing to the recording medium said data comprising data relating to both recording the digital picture signal supplied from the signal processor and the position information supplied from the position information detector to the recording medium,

said digital picture signal being recorded as a picture file and said position information being recorded as a position information file, said recording means further comprising linking means for linking data relating to the digital picture signal and data relating to the position information;

a reproducing section for reproducing the digital picture signal and the position information from the recording medium;

a map information obtaining section for obtaining map information comprising range information defining a set of boundary points of a map, thereby enabling a user of the digital photographing apparatus to choose a part of the map using the range information;

a table creating section for creating a table for that associates the reproduced position information file with said map information and said picture file; and

a controller for referencing the table for the position information and displaying to display on said display an icon corresponding to the position information and on a part of the map information to the display chosen by the user;

wherein the recording section records the digital picture signal as a picture file to the recording medium, and records the obtained position information as a position information file such that the obtained position information is associated with the recorded picture file; and

wherein the table creating section creates the table using at least one position information file, the table indicating correspondence relation between the obtained position information and the picture file; and

whereby the table for the reproduced position information facilitates efficient performance of the camera.